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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/531,660
Applicant: Luis Molina
Filed: April 15, 2005
TC/A.AU.: 1654
Examiner: Marcela M. Cordero Garcia

Confirmation No.: 3876

Docket No.: 11299.105005 L1 3000 MMI/2
Customer No.: 20786
Title: Methods of Treating Dry Eye Disease with Lantibiotics

Mail Stop Amendment
Commissioner for Patents
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Alexandria, VA 22313-1450

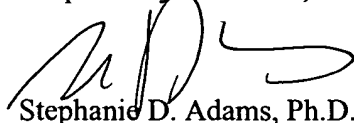
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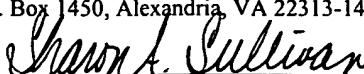

Stephanie D. Adams, Ph.D.

Reg. No. 47,378

Dated: February 17, 2006
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STATEMENT BY APPLICANT**

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Sheet 1 of 5

Complete if Known

Application Number	10/531,660
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Group Art Unit	1654
Examiner Name	Marcela M. Cordero Garcia
Attorney Docket Number	11299.105005 L1 3000 MMI/2

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
	AA	4,209,505	A	Mikhail	06-24-1980	
	AB	5,137,728	A	Bawa	08-11-1992	
	AC	5,512,269	A	Molina y Vedia <i>et al.</i>	04-30-1996	
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	AAG	6,462,028	B2	Pendergast <i>et al.</i>	10-08-2002	

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Sheet **2** of **5****Complete if Known**

Application Number	10/531,660
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Group Art Unit	1654
Examiner Name	Marcela M. Cordero Garcia
Attorney Docket Number	11299.105005 L1 3000 MMI/2

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		Number	Kind Code (if known)			
	BA	6,489,335	B2	Peyman	12-03-2002	
	BB	6,548,658	B2	Yerxa	04-15-2003	
	BC	6,565,861	B1	Tiffany <i>et al.</i>	05-20-2003	
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Office ³	Number	Kind Code ² (if known)				
	BM	JP	2002-053492	A2	Santen Pharm.; Inspire Pharm.	02-19-2002		
	BN	WO	94/28726	A2	Wellcome Found.; U. No. Carol.	12-22-1994		
	BO	WO	98/34593	A1	Inspire Pharmaceuticals	08-13-1998		
	BP	WO	99/09998	A1	Inspire Pharmaceuticals	03-04-1999		
	BQ	WO	01/80844	A2	Inspire Pharmaceuticals	11-01-2001		
	BR	WO	01/87288	A2	Inspire Pharmaceuticals	11-22-2001		
	BS	WO	01/87913	A2	Inspire Pharmaceuticals	11-22-2001		
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	BU	WO	02/16381	A2	Inspire Phar., U. No. Carolina	02-28-2002		
	BV	WO	04/037167	A2	Molichem Medicines, Inc.	05-06-2004		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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	BW	BAUDOUIN, C., "The Pathology of Dry Eye," <i>Surv. Ophthalmol.</i> 45 Suppl. 2: S211-S220 (March 2001)	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/531,660
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				Group Art Unit	1654
				Examiner Name	Marcela M. Cordero Garcia
Sheet	3	of	5	Attorney Docket Number	11299.105005 L1 3000 MMI/2

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	CA	BOSCHELLI, D.H., <i>et al.</i> , "Inhibition of E-selectin-, ICAM-1-, and VCAM-1-mediated cell adhesion by benzo[b]thiophene-, benzofuran-, indole-, and naphthalene-2-carboxamides: identification of PD 144795 as an antiinflammatory agent," <i>J. Med. Chem.</i> , 38(22):4597-4614 (October 27, 1995).	
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	CC	BOWIE, E.M., <i>et al.</i> , "Corticosteroids, central serous chorioretinopathy, and neurocysticercosis," <i>Arch. Ophthalmol.</i> , 122(2):281-283 (February 2004).	
	CD	BREWITT, H., <i>et al.</i> , "Dry Eye Disease: The Scale of the Problem." <i>Surv. Ophthalmol.</i> 45 Suppl. 2: S199-S202 March 2001).	
	CE	CHANG, Y.H., <i>et al.</i> , <i>Eur. J. Pharmacol.</i> , 69(2):155-164 (January 16, 1981). Effects of pharmacologic agents on the reversed passive Arthus reaction in the rat.	
	CF	CLOUTIER, M.M., <i>et al.</i> , "Duramycin enhances chloride channel activity in cystic fibrosis nasal epithelial cells." <i>Pediatric Pulmonology</i> , 2(Supplement):99 (Abstract 15) (1988).	
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	CH	DE NIJS, E., <i>et al.</i> , "The adverse effects of corticosteroids in central serous chorioretinopathy" <i>Bull. Soc. Belge Ophtalmol.</i> , 289:35-41 (2003).	
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	CJ	FORREST, J.B., <i>et al.</i> , "Activation of nasal cilia in immotile cilia syndrome," <i>Am. Rev. Respir. Dis.</i> , 120(3):511-515 (September 1979).	
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	CL	FRIEDLANDER, A.H., <i>et al.</i> , "Late-life depression: psychopathology, medical interventions, and dental implications," <i>Oral Surg. Oral Med. Oral Pathol. Oral Radiol. Endod.</i> , 94(4):404-412 (October 2002).	
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	CP	HÉCHARD, Y., <i>et al.</i> , "Mode of action of modified and unmodified bacteriocins from Gram-positive bacteria," <i>Biochimie</i> , 84(5-6):545-557 (May-June 2002).	

Examiner Signature		Date Considered	
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	DA	KELLERMAN, D.J., "P2Y ₂ Receptor agonists: a new class of medication targeted at improved mucociliary clearance," <i>Chest</i> , 121(5 Suppl.):201S-205S (May 2002).	
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	DI	McNULTY, M.J., <i>et al.</i> , "Pharmacokinetics and tissue distribution of the nonadecapeptide Moli1901 in rats and mice," <i>Xenobiotica</i> , Feb;33(2):197-210 (February 2003).	
	DJ	MONNET, D., <i>et al.</i> , "Ophthalmic findings and frequency of extraocular manifestations in patients with HLA-B27 uveitis: a study of 175 cases," <i>Ophthalmology</i> , 111(4):802-809 (April 2004).	
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	DM	NUSSENBLATT, R.B., <i>et al.</i> , "Cyclosporine: immunology, pharmacology and therapeutic uses," <i>Survey of Ophthalmology</i> , 31(3):159-169 (November-December 1986).	
	DN	O'NEIL, M.J., Sr. Ed., <i>et al.</i> , <i>The Merck Index: An Encyclopedia of Chemicals, Drugs, and Biologicals</i> , 13 th Ed., O'Neil, M.J. Sr. Ed. (Merck & Co., Inc., Whitehouse Station, New Jersey, 2001), entry no. 2781 ("Cyclosporin A"), p. 480.	
	DO	PEDERSEN, M., "Ciliary activity and pollution," <i>Lung</i> , 168 Suppl.:368-376 (1990).	
	DP	PRIDHAM, T.G., <i>et al.</i> , "Antibiotics against plant disease. II. Effective agents produced by <i>streptomyces cinnamomeus</i> forma azocoluta F. Nov.," <i>Phytopathology</i> , 46:575-581 (October 1956)	
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	EA	SAHL, H.-G., "Influence of the staphylococcinlike peptide Pep 5 on membrane potential of bacterial cells and cytoplasmic membrane vesicles," <i>J. Bacteriol.</i> , 162(2):833-836 (May 1985).	
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	EF	SPRINGER, T.A., "Adhesion receptors of the immune system," <i>Nature</i> , 346(6283):425-434 (August 2, 1990).	
	EG	WAKAMIYA, T., <i>et al.</i> , "The structure of ancovenin, a new peptide inhibitor of Angiotensin I Converting Enzyme," <i>Tetrahedron Lett.</i> , 26(5):665-668 (1985).	
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Applicant: Luis Molina

Serial No.: 10/531,660

Filed: September 22, 2003

For: Methods of Treating Dry Eye Disease with Lantibiotics

Papers Submitted: 1. Information Disclosure Statement (1 page)
 2. Form PTO/SB/08A (5 pages)
 3. Copy of References (61 references)
 4. Certificate of Mailing ⁵⁷
 5. Postcard

Attorney Stephanie D. Adams, Ph.D.

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